

INFORMATION DISCLOSURE CITATION

PTO-1449

ATTY. DOCKET NO.
A-66167-1/ENBSERIAL NO.
not yet assignedAPPLICANT
Jerman et al.FILING DATE
March 13, 2000GROUP
2753

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
ST	5,760,998	6/2/98	Berberich et al.	360	97.02	7/22/97
	5,753,911	5/19/98	Yasuda et al.	250	306	1/16/97
	5,646,928	7/8/97	Wu et al.	369	112	6/22/95
	4,239,330	12/16/80	Ashkin, et al.	350	96.18	10/18/78
	4,265,513	5/5/81	Matsushita, et al.	350	96.20	8/16/79
	4,304,460	12/8/81	Tanaka, et al.	350	96.16	3/7/79
	4,498,730	2/12/85	Tanaka, et al.	350	96.16	4/22/81
	4,626,066	12/2/86	Levinson, et al.	350	96.18	12/30/83
	4,896,937	1/30/90	Kraetsch, et al.	350	96.20	8/2/88
	5,000,532	3/19/91	Kraetsch, et al.	350	96.20	11/06/89
	5,024,500	6/18/91	Stanley, et al.	350	96.15	3/31/88
	5,260,928	11/09/93	Lee, et al.	369	112	3/6/92
	5,327,416	7/5/94	Lee, et al.	369	199	2/22/93
	5,446,811	8/29/95	Field, et al.	385	23	3/14/94
	5,493,440	2/20/96	Souda, et al.	359	341	10/18/94
	5,452,283	9/19/95	Lee, et al.	369	112	6/18/93
	5,532,884	7/2/96	Lee, et al.	359	833	6/7/95
	4,322,126	3/30/82	Minowa et al.	350	96.20	1/30/80
	4,674,319	6/23/87	Muller et al.	73	23	3/20/85
	4,740,410	4/26/88	Muller et al.	428	133	5/28/87
	4,805,456	2/21/89	Howe et al.	73	517 AV	5/19/87
	4,943,750	7/24/90	Howe et al.	310	309	7/3/89
	5,025,346	6/18/91	Tang et al.	361	283	2/17/89
	5,043,043	8/27/91	Howe et al.	156	645	6/22/90
	5,208,880	5/4/93	Riza et al.	385	18	4/30/92
	5,450,751	9/19/95	Putty et al.	73	504.18	5/4/93
SP	5,563,466	10/8/96	Rennex et al.	310	309	6/7/93

SP	5,647,030	7/8/97	Jorgenson et al.	385	12	1/11/96
	5,850,375	12/15/98	Wilde et al.	369	14	12/20/96
	5,245,491	9/14/93	Horie et al.	360	114	6/1/90
	5,719,832	2/17/98	Kataoka et al.	369	14	11/5/96
	5,255,260	10/19/93	Yamada et al.	369	199	7/23/90
	5,025,346	6/18/91	Tang et al.	361	283	2/17/89
SP	5,835,458	11/10/98	Bischel et al.	369	44.12	3/6/97

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

SP	Field, L.A. et al., "Micromachined 1X2 Optical Fiber Switch", The 8th International Conference on Solid-State Sensors and Actuators, and Eurosensors IX, Stockholm, Sweden, June 25-29, 1995, pp. 344-347.
	Hirano, Toshiki, et al., "Invar Micropositioner for Disk Drives", IEEE, January 1997, pp. 378-382.
	Horsley, D.A., et al., "Angular Micropositioner for Disk Drives", IEEE, January 1997, pp.454-459.
	Jaacklin, V.P., et al., "Optical Microshutters and Torsional Micromirrors for Light Modulator Arrays", Proceedings IEEE Micro Electrical Mechanical Systems, Fort Lauderdale, FL, Feb. 7-10, 1993, pp. 124-127.
	Klassen, E.H., et al., "Silicon Fusion Bonding and Deep Reactive Ion Etching; A New Technology for Microstructures", the 8th International Conference on Solid-State Sensors and Actuators, and Eurosensors IX, Stockholm, Sweden, June 25-29, 1995, pp.556-559.
	Legtenberg, Rob, et al., "Comb-drive actuators for large displacements", J. Micromech. Microeng. 6 (1996), pp. 320-329.
	Mohr, J., et al., "Micro Optical Switching by Electrostatic Linear Actuators with Large Displacements", The 7th International Conference on Solid-State Sensors and Actuators, Yokohama, Japan, 1993, pp.120-123.
	Obermeier, E., "Design and Fabrication of an Electrostatically Driven Micro-Shutter", The 7th International Conference on Solid-State Sensors and Actuators, Yokohama, Japan, 1993, pp.132-135.
	Tang, William C., et al., "Laterally Driven Polysilicon Resonant Microstructures", Sensors Actuators 20, 1989, pp.25-31 (IEEE reprint pp.53-59).
	Wenk, B., et al., "Thick polysilicon based surface micromachined capacitive accelerometer with force feedback operation", SPIE Vol. 2642, October 1995, pp.84-94.
SP	Yasseen, A.A., et al., "A Rotary Electrostatic Micrometer 1x8 Optical Switch", IEEE, 1998, pp.116-120.

EXAMINER	Sung Park	DATE CONSIDERED	6/13/03
----------	-----------	-----------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
124489 1449A.FRM (8/95)